BDCP
BAY DELTA CONSERVATION PLAN

Draft Conservation Strategy – Major Elements

HABITAT RESTORATION

- Up to 80,000 acres tidal marsh, riparian, and floodplain
- Enhanced floodplain in the Yolo Bypass-temporary inundation
- 20-40 levee miles channel restoration
- Up to 45,000 acres of terrestrial habitat in addition to the terrestrial benefits of tidal marsh & riparian restoration

WATER FACILITIES & OPERATIONS

- North Delta diversion
  - Up to 5 intakes
  - Up to 15,000 cfs design capacity
  - Pipeline/tunnel subject of focused study in BDCP
  - Establish minimum flows to ensure healthy habitat and water quality
  - Minimize reverse flows
  - Provide freshwater outflow
  - Maintain water quality standards
  - Manage operating rules for flows at Delta Cross Channel and Rio Vista
- Near term water operations

OTHER STRESSORS

- Minimize methyl mercury
- Control non-native aquatic plants
- Reduce illegal harvest
- Establish hatchery and genetic management plans
- Support Delta and longfin smelt propagation programs
- Reduce predators
- Construct non-physical barriers to re-direct juvenile salmonids
- Improve dissolved oxygen levels in the Stockton Deep Water Ship Channel

Draft Conservation Strategy - Flows

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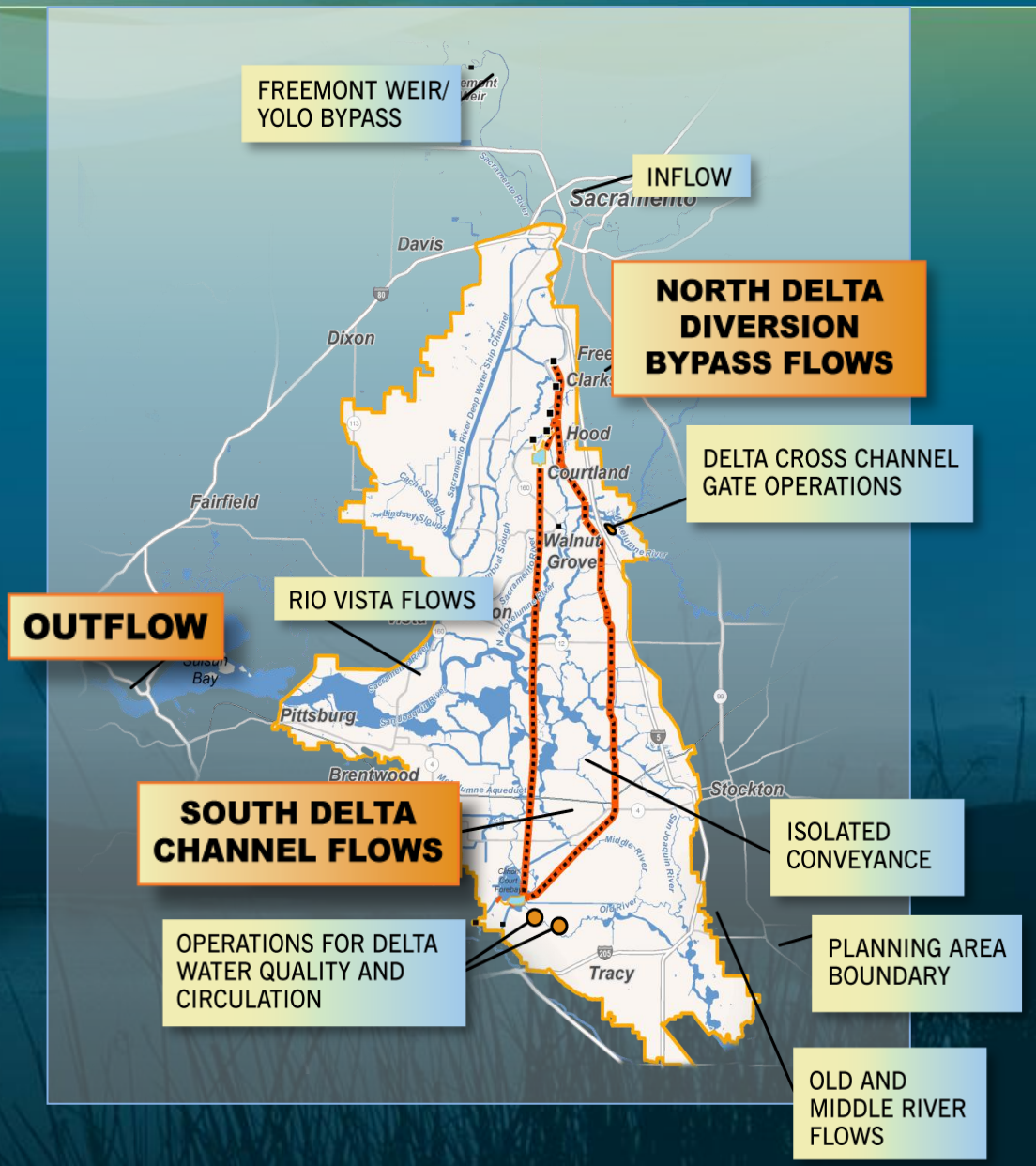
- New North Delta diversion bypass flows
- Outflow requirements and management of X2
- South Delta Channel Flows
- Inflow requirements
- Rio Vista Flow Requirements
- Delta Cross Channel gate operations
- Ratio between San Joaquin River inflow and North Delta exports
- Old and Middle River flows
- Water quality standards set forth by the State Water Resources Control Board



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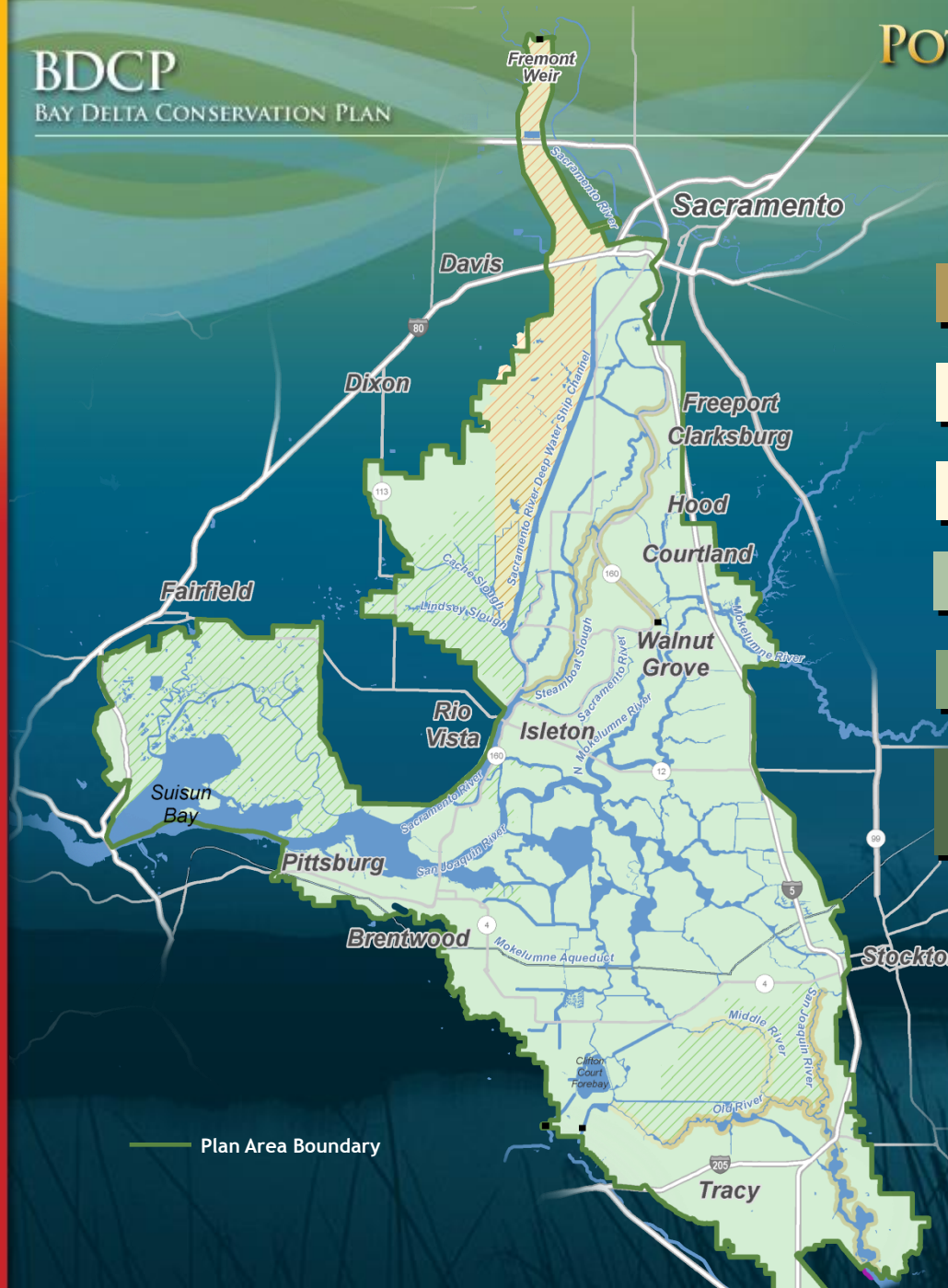
POTENTIAL HABITAT RESTORATION



- Channel Margin – 20 to 40 levee miles
- Floodplain (new) – up to 10,000 acres
- Floodplain (enhanced existing)
- Riparian – 5,000 acres
- Tidal Marsh – up to 65,000 acres
- Agriculture and Grassland Habitat Preservation - up to 45,000 acres

Potential Pipeline/ Tunnel Conveyance

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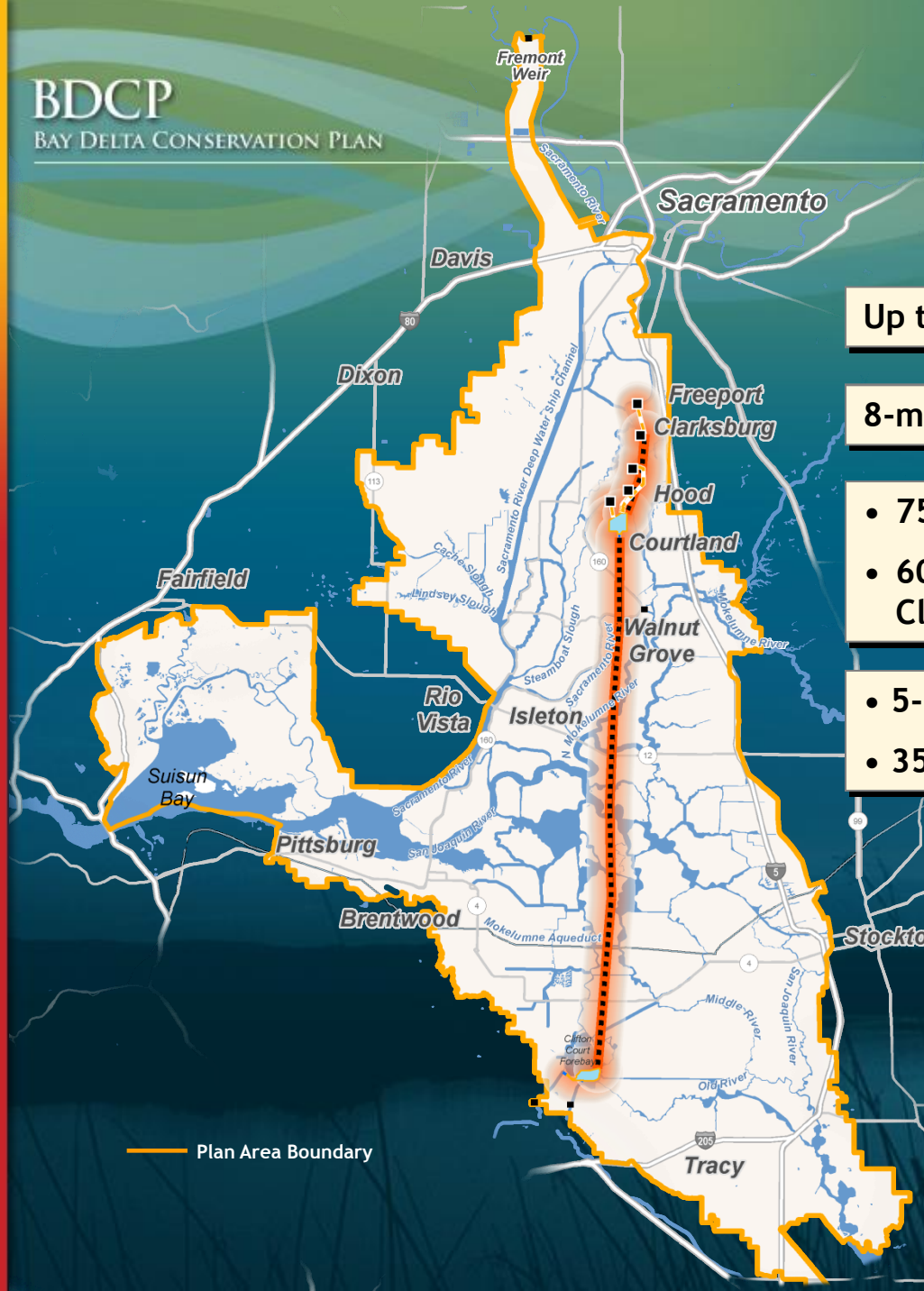

Up to 5 Intakes between Freeport and Courtland

8-mile single bore 23'-33' ID Intake Tunnel

- 750-acre forebay near Courtland
- 600-acre forebay near the existing Clifton Court Forebay

- 5-mile single bore tunnel, 29' ID, ±150' deep
- 35-mile dual bore tunnel, 33' ID, ±150' deep

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Adaptive Management, Monitoring and Metrics

Provides mechanism to make adjustments to conservation actions based on new scientific information. The program will:

- Identify questions that need to be answered to improve our knowledge base and inform ongoing plan implementation
- Use improved knowledge to identify changes in or alternative approaches to plan implementation
- Adjust the monitoring and research program to evaluate new approaches and address emerging questions
- Incorporate feedback loops that link implementation monitoring and targeted research to a decision making process

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Potential Other Stressor Measures

There are additional actions that address other stressors, referred to as "important related actions" (IRAs) that could potentially become conservation measures. These include:

- Ammonia Load Reduction
- Endocrine Disrupting Compounds Load Reduction
- Agricultural Pesticides and Herbicides Runoff Reduction
- Stormwater and Urban Runoff Toxic Contaminants Reduction
- Nonnative Aquatic Organisms Introduction Risk Reduction
- Nonnative Species Introduction Detection and Response Improvement
- Nonnative Predatory Fish Harvest Increase
- Mark-Selective Fishery Implementation
- Non-Project Diversions Entrainment Reduction

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Next Steps

- Steering Committee Released Working Draft Plan on November 18
- Additional work being completed on:
  - Effects Analysis
  - Refinement of Conservation Actions
  - Refinement of Biological Goals and Objectives
  - Other Required Components of the Plan
- Public Review Draft expected in fall 2011
  - Public Review and Comment

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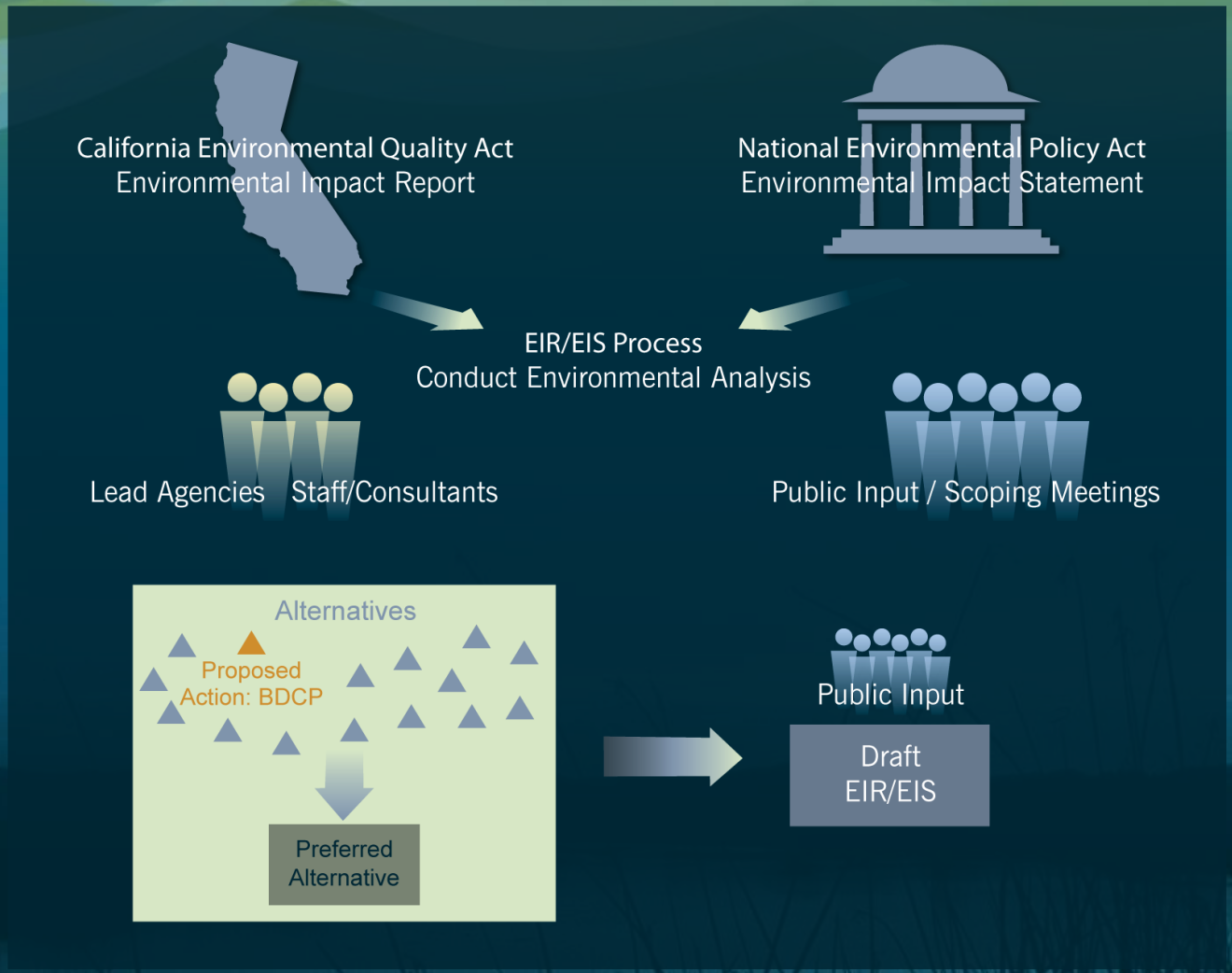
Environmental Review Process



Proposed Action: Bay Delta Conservation Plan